

Safe Overseas Power Transformer Transport with Trusted Solutions



Honghong Electronic Technology Co., Ltd., established in 2019 as a subsidiary of Hongke Technology Co., Ltd., provides solutions in automotive electronics, industrial automation, and environmental monitoring.

Backed by Hongke's 20+ years of distribution experience, Honghong minimizes overseas investment risks.

As a Trusted Channel Partner, Hongke provides solid foundation and industry expertise that enables safe and reliable transport of high-quality machinery and power transformers to customers worldwide.

Challenge

Honghong Electronic Technology Co., Ltd needed to ship high-value transformers overseas.

Transformers are sensitive to shocks, vibration, humidity, and temperature changes. Traditional shipping methods gave no real-time data about conditions during transit.

This made it hard to prove if damage happened during transport and increased the risk of costly delays, insurance claims, and customer complaints. Maintaining their reputation for quality and reliability required a better solution.

Solution

Shihlin Electric partnered with Honghong Electronic, an official Trusted Channel Partner to monitor transformer shipments using Trusted T7 devices.

By simply deploying the T7 devices with magnetic mounting before shipment, Shihlin could continuously track the transformers' location, conditions, and key events. In addition, detailed vibration and shock data were captured. T7 key features included:

- IP69K for reliability in extreme environments
- Magnet mount for quick and secure installation
- Tracking/monitoring of e.g. vibration, and position
- Long battery life for continuous data collection
- 4G LTE connectivity for data transmission to the Trusted Data Platform



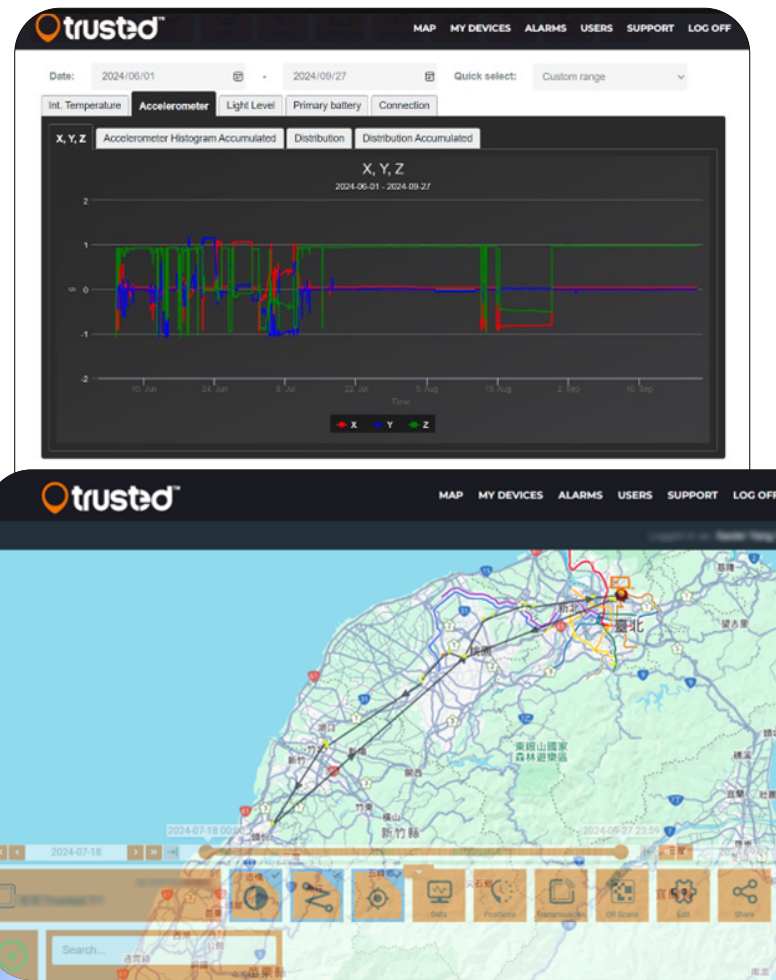
Outcome

With the Trusted T7 solution, Shihlin Electric gained full visibility into the transportation process and significantly enhanced their quality control.

The solution delivered everything they needed – and more:

- Location tracking of high value transformers, with complete visibility of the shipment's route
- Continuous monitoring of vibration & shock events
- Automated incident alerts in case of abnormal shock or temperature
- Prevention of equipment damage by identifying excessive handling or risky transport conditions
- Detailed data reports for evaluation and compliance

Thanks to the solution, Shihlin Electric strengthened its reputation for reliability and ensured that critical electrical equipment reached customers in optimal condition.



About

Shihlin Electric & Engineering Corporation is a leading global manufacturer of electromechanical solutions, specializing in research, development, and manufacturing of power-related products.

With more than 60 years of technical expertise, the company provides high-quality power equipment and services to customers worldwide, with a strong focus on power transformers and switch gear.